

Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1
DATA	DATA	DATA	DATA	P _{1,05}	P _{1,4}	P _{1,54}

FIGURE 1

1	1	0	1	0	1	0
---	---	---	---	---	---	---

FIGURE 3

0	1	0	0	0	1	0
---	---	---	---	---	---	---

FIGURE 4

0	1	1	0	0	1	1
---	---	---	---	---	---	---

FIGURE 5

0	1	0	0	0	1	0
---	---	---	---	---	---	---

FIGURE 6

0	1	1	1	0	0	0
---	---	---	---	---	---	---

FIGURE 8

0	1	0	1	0	0	0
---	---	---	---	---	---	---

FIGURE 9

IDENTIFY X BIT(S) IN THE UN-PROGRAMMED STATE, WHERE "X" IS SUFFICIENT TO INTRODUCE AN UNCORRECTABLE ERROR IN THE WORD

20 ✓

22

SWITCH THE X BIT(S) FROM THE UN-PROGRAMMED STATE TO THE PROGRAMMED STATE

24

FIGURE 2

IDENTIFY A SINGLE BIT THAT IS IN THE UNPROGRAMMED STATE

32

GENERATE A SECOND WORD, WHEREIN ALL OF THE DATA BITS IN THE SECOND WORD ARE IN THE UN-PROGRAMMED STATE EXCEPT FOR THE BIT THAT CORRESPONDS TO THE SINGLE BIT

30 ✓

34

OVERWRITE THE FIRST WORD WITH THE SECOND WORD

36

FIGURE 7